

16. NEW HOST PLANTS FOR *DENDROPHTHÖE FALCATA* (LINN. F.) ETTING. AT PAVAGADH

Recently<sup>1</sup> V. Ravindra Nath & V. L. Narasimha Rao (1959), in their paper 'Additional Hosts for Flowering Parasite, *Dendrophthoe falcata* (L. f.) Ettingsh. (*Loranthus longiflorus* Desr.)', have brought together all the scattered data on the subject from different parts of India thus putting before the readers an up-to-date host range of 268 hosts of *Dendrophthoe falcata*.

During the exploration of the flora of Pavagadh for the year 1958-59 we noticed on several occasions *Dendrophthoe falcata* as a parasite on different host plants. This paper reports the attack of *Dendrophthoe falcata* on 5 new host plants, recorded for the first time in India. This brings the host range of *Dendrophthoe falcata* to 273. The host plants noticed are: *Cadaba fruticosa* Druce, *Firmiana colorata* R. Br., *Ailanthus excelsa* Roxb., *Butea monosperma* (Lam.) Taub., and *Tecoma stans* H.B.K.

## PAST RECORDS FROM PAVAGADH

Rev. Fr. Santapau (1955) in his paper 'Excursion of the Indian Botanical Society to Pavagadh Hill near Baroda' recorded the parasite as very rare for this type of forest. The plant, in flower and young fruit, was noticed on the following hosts: *Alangium salvifolium*, *Grewia tiliaefolia*, *Cassia fistula*, *Acacia leucophloea*. It seems that, of the four host species recorded above, *Alangium salvifolium* has not been included in the list of host plants recorded in India published by V. Ravindra Nath & V. L. Narasimha Rao; hence, due credit for the new record should be given to Santapau. This raises the host range to 274. It is for the first time that the family Alangiaceae acts as a host for the parasite.

Phatak & Oza (1957-58) in their paper 'Contributions to the Botany of the Pavagadh Hill, Bombay State', under the heading 'Parasites and Epiphytes' recorded four more host plants other than those recorded by Santapau. The hosts noticed were *Salmalia malabarica*, *Mangifera indica*, *Cordia dichotoma*, *Tectona grandis*, all of them recorded for the first time from Pavagadh.

<sup>1</sup> This note was received in the Society's office in 1961. Its publication was delayed as it went astray in correspondence between the Society and its referee.—EDS.